

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036175.D
 Acq On : 20 Jun 2024 20:54
 Operator : SY/MD
 Sample : P2960-14
 Misc : 6.11g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

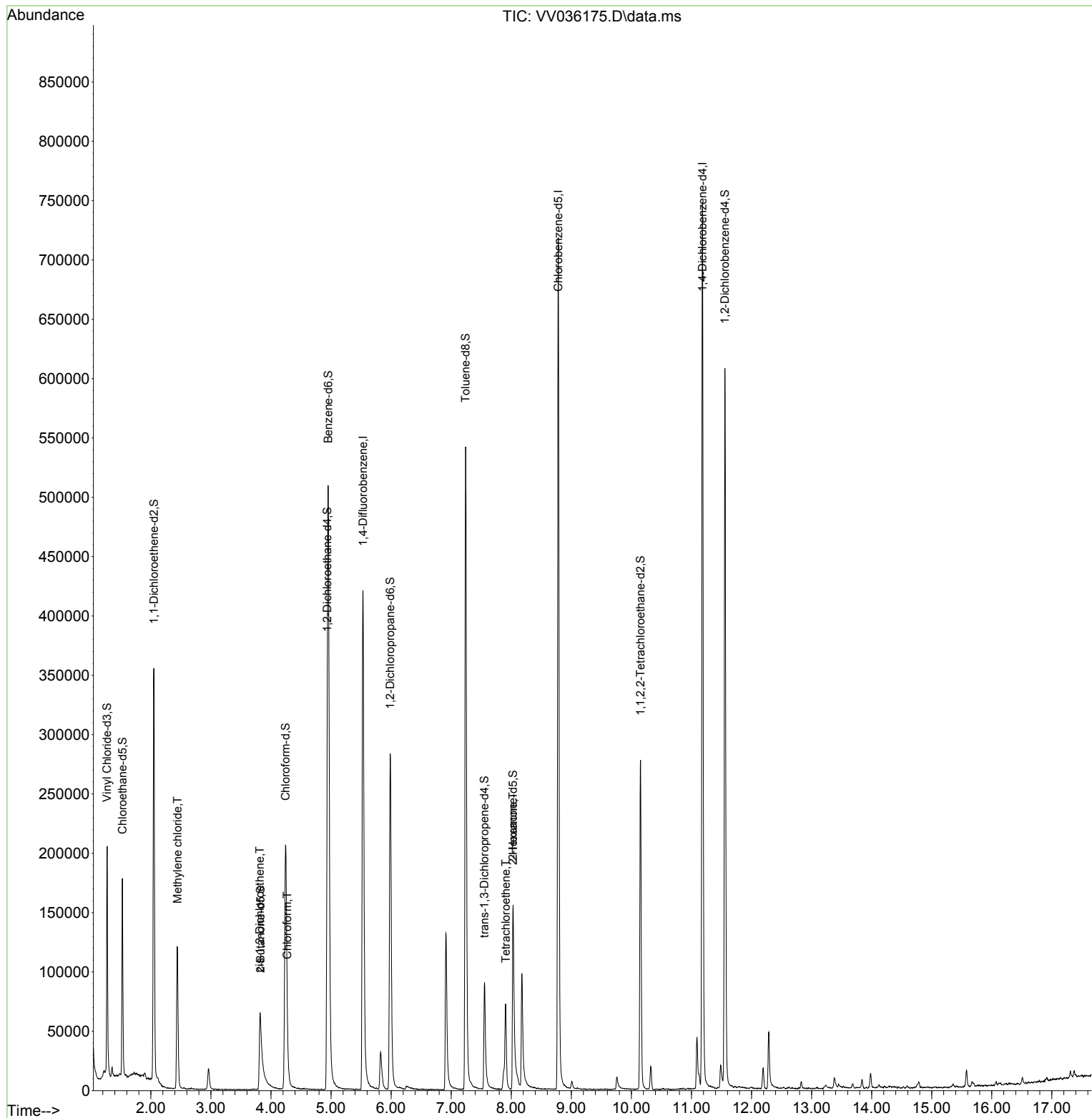
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	373552	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	197482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	128278	18.678	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.720%		
7) Chloroethane-d5	1.526	69	106369	19.424	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.680%		
11) 1,1-Dichloroethene-d2	2.050	65	59031	19.308	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.240%		
21) 2-Butanone-d5	3.825	46	75986	48.223	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.440%		
24) Chloroform-d	4.243	84	230458	19.405	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.640%		
26) 1,2-Dichloroethane-d4	4.937	65	138396	22.226	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.920%		
32) Benzene-d6	4.953	84	458460	19.538	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.160%		
36) 1,2-Dichloropropane-d6	5.986	67	145300	19.663	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.640%		
41) Toluene-d8	7.240	98	379927	18.350	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.400%		
43) trans-1,3-Dichloroprop...	7.555	79	59344	19.587	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.360%		
47) 2-Hexanone-d5	8.030	63	61964	61.892	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	123.780%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	138434	25.070	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.280%		
66) 1,2-Dichlorobenzene-d4	11.558	152	154126	21.283	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.120%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	52882	6.256	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	21391	3.350	ug/L	99
25) Chloroform	4.272	83	6742	0.542	ug/L	96
46) Tetrachloroethene	7.908	164	16583	2.865	ug/L	99
48) 2-Hexanone	8.027	43	7089	2.462	ug/L #	76

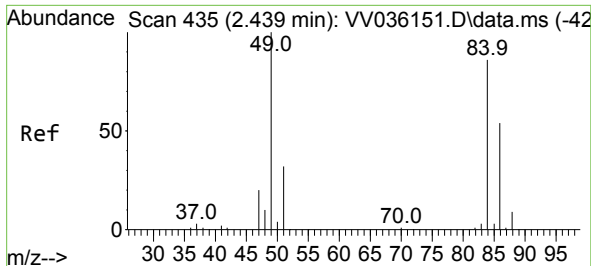
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

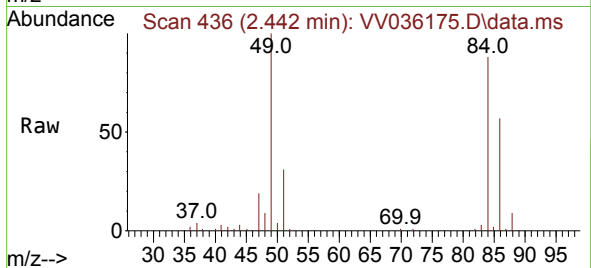
Quant Time: Jun 21 05:13:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





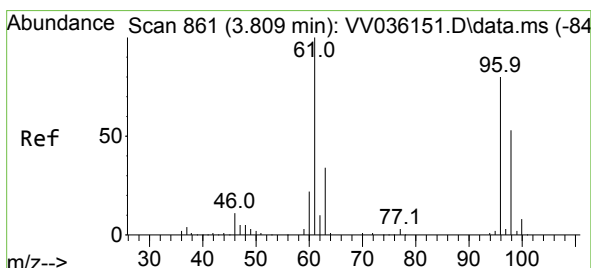
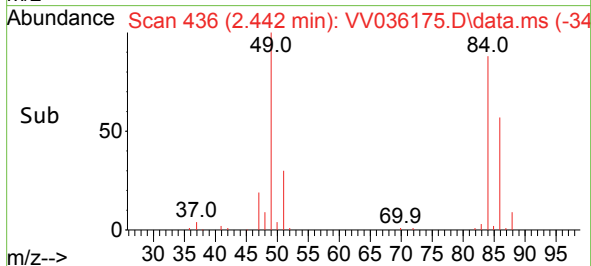
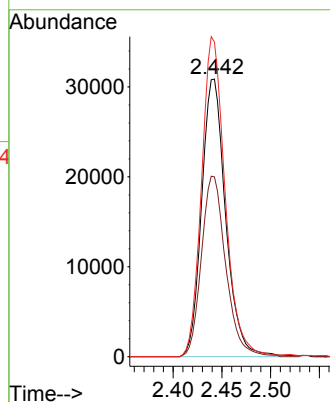
#16
Methylene chloride
Concen: 6.256 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036175.D
Acq: 20 Jun 2024 20:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 52882

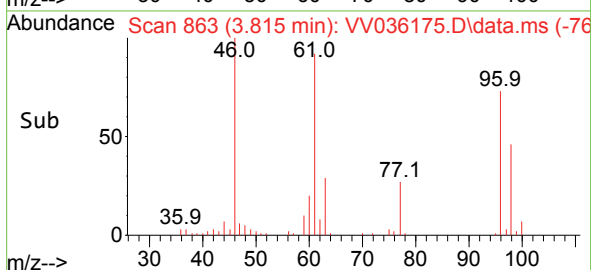
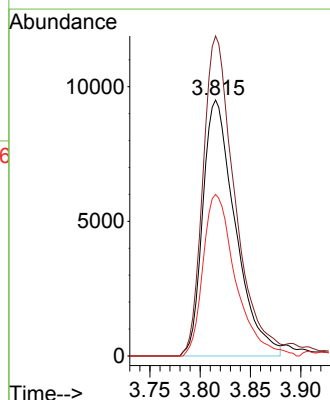
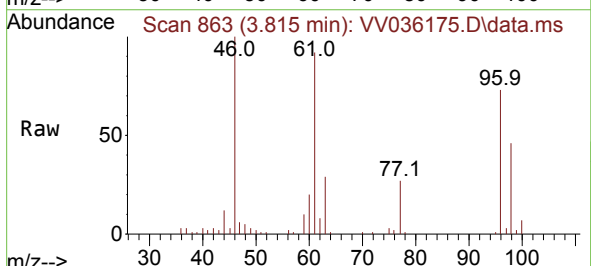
Ion	Ratio	Lower	Upper
84	100		
86	64.8	44.6	82.8
49	113.4	81.1	150.5

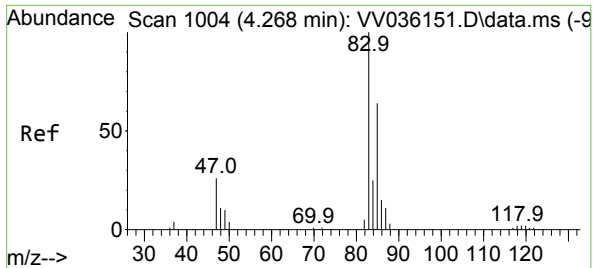


#20
cis-1,2-Dichloroethene
Concen: 3.350 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV036175.D
Acq: 20 Jun 2024 20:54

Tgt Ion: 96 Resp: 21391

Ion	Ratio	Lower	Upper
96	100		
61	125.0	87.9	163.3
98	63.1	44.4	82.5

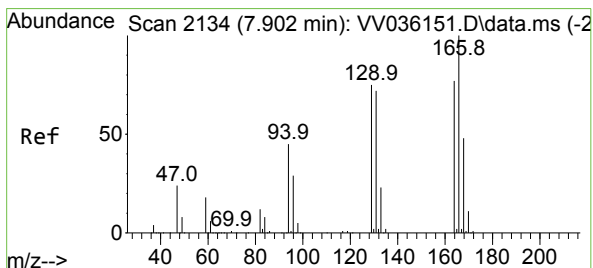
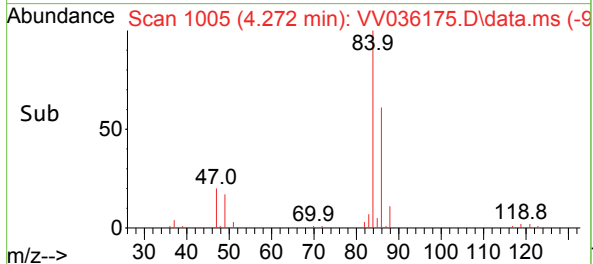
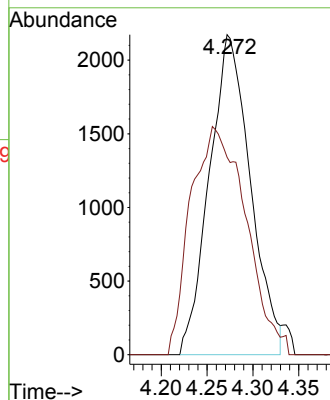
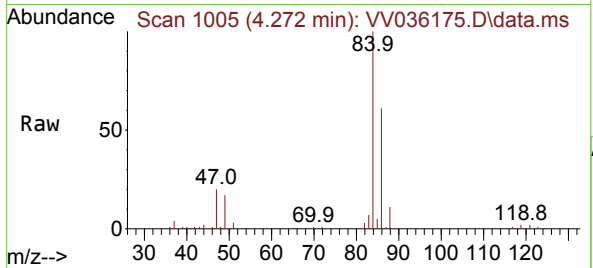




#25
Chloroform
Concen: 0.542 ug/L
RT: 4.272 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV036175.D
Acq: 20 Jun 2024 20:54

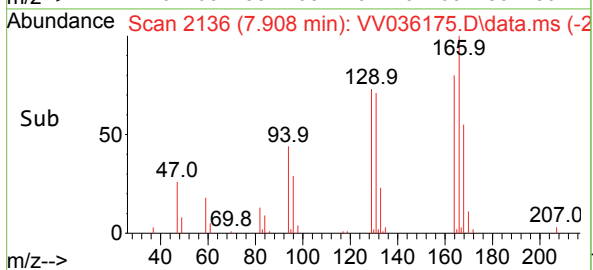
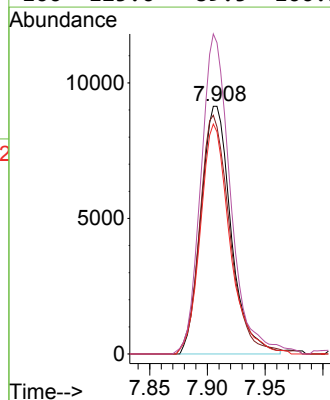
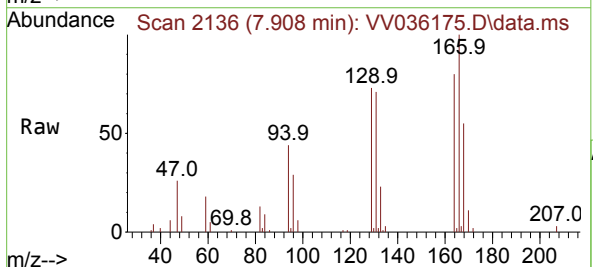
Instrument :
MSVOA_V
ClientSampleId :

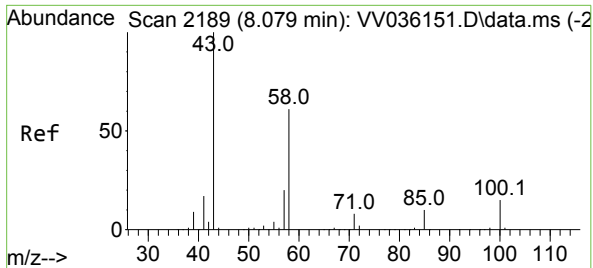
Tgt Ion: 83 Resp: 6742
Ion Ratio Lower Upper
83 100
85 61.7 45.2 84.0



#46
Tetrachloroethene
Concen: 2.865 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV036175.D
Acq: 20 Jun 2024 20:54

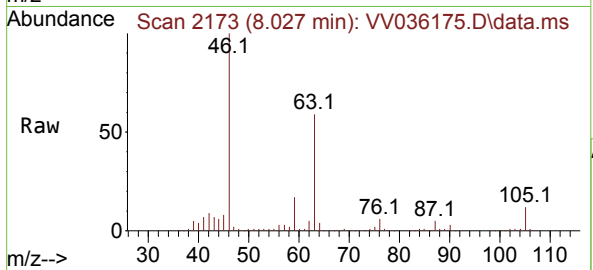
Tgt Ion:164 Resp: 16583
Ion Ratio Lower Upper
164 100
129 91.6 64.6 120.0
131 89.6 63.2 117.4
166 125.6 89.5 166.3





#48
 2-Hexanone
 Concen: 2.462 ug/L
 RT: 8.027 min Scan# 2189
 Delta R.T. -0.051 min
 Lab File: VV036175.D
 Acq: 20 Jun 2024 20:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 7089
Ion Ratio	Lower Upper
43 100	
58 42.7	45.4 68.0#
57 36.9	15.8 23.8#
100 2.8	9.8 14.8#

